

Suhr®

CORSO™

USER GUIDE



CONFESSIOAL



ESHER

Overview

The Suhr Corso Recording Amplifier is the ideal studio companion. Corso is an all-tube no compromise variable wattage amplifier (up to 5 watts) that provides players with all of the tone and character of a high powered amplifier in a compact, portable form factor - perfect for any recording studio application or bedroom practice session.

Corso is packed with a number of features which give players incredible flexibility for carving out their ideal sound. With the on-board attenuator, Corso can be easily transformed from the most complex and detailed clean tones, to a wall of harmonically rich overdriven lead tones at any volume.





Like To Use Pedals

Corso was designed with a unique low-gain input stage to accommodate a variety of your favorite boost, overdrive, and time based pedals.

Recording At Home Made Easy

Equipped with a unique Line Out (post power section), the Corso is ready for the studio. The Corso's Line Out offers the sound of the entire amplifier, not just the pre-amp section, so you can fully experience all of Corso's tone when you plug directly into your digital recording I/O interface. Should inspiration strike in the middle of the night, just turn the Power control fully counterclockwise and play without disturbing the neighbors, or your family.

FRONT PANEL

SWITCHES

BRIGHT:

Engaging this switch boosts the upper mid frequencies, which adds clarity and definition to your tone which is useful for a variety of percussive playing styles such as Funk, Rock, and R&B.

MID:

Engaging this switch boosts the lower mid frequencies, which thickens up your overdriven rhythm and lead tones.

GAIN:

Engaging this switch adds 12dB of gain, which increases sustain and emphasizes upper harmonics for singing solos and percussive Alternative style rhythm playing.

PRESENCE:

Engaging this switch boosts the midrange frequencies, which gives your tone better definition and a clarity, without sounding harsh or fatiguing.

DEEP:

Engaging this switch boosts the bottom-end, adding low-end thump and body to any style, from clean to heavily distorted. This switch can also be used to compensate for a loss of low-end/body when playing Corso at lower volumes.



FRONT PANEL

CONTROL KNOBS



DRIVE:

Adjusts the amount of pre-amp overdrive added to your signal. Use the Drive control in conjunction with the Gain switch to experience the wide range of tones that Corso has to offer.

Clean: settings between 1-2 offer a variety of full bodied clean tones with excellent clarity

Classic Crunch: settings between 3-4 (with gain switch in the on position) offer a variety of British crunch rhythm tones with excellent midrange cut and articulation

High Gain: settings between 5-7 (with gain switch in the on position) offer a dramatic increase in gain with extended low-end thump without loss of definition - taking you from Hard Rock to 80's Heavy Metal

Metal/Alternative (Alt) Tuning: settings between 8 and higher (with gain switch in the on position) offer increased saturation, harmonics (for additional sustain) and low end emphasis when playing drop and alt tuning styles

TREBLE:

Turning the control clockwise emphasizes the upper frequencies. While turning the control counter clockwise produces a warmer sound, which is excellent for dialing in smoother fluid-like lead tones, and is also well suited for Jazz styles.

BASS:

Turning the control clockwise increases the lower frequencies, providing a fuller low-end response. While turning the control counter clockwise reduces the bass, which tightens up the bottom-end. This can be very useful when playing at louder volumes, and at higher gain settings.

POWER:

A volume control that adjusts the overall output of your signal. Fully counter-clockwise (0) the Power control acts as a Load, allowing you to take complete advantage of Corso's Line Out without having to be connected to a speaker cabinet.

NOTE: The Power control only affects Corso's speaker outputs, this does not alter/change the output level of the Line Out.



BACK PANEL

SPEAKER:

2 - 8 Ω outputs wired in parallel

IMPORTANT: To avoid damage to your amplifier, do not operate without turning down Corso's Power control to it's minimum setting (0) or connecting it to a suitable speaker load.

LINE OUT:

Unbalanced 1/4" Output. Use this to connect the Corso to a mixer or recording device.

NOTE: The Corso's Line Out is full range (not compensated) and offers the sound of the entire amplifier, not just the pre-amp section. To fully experience all of the Corso's tone when plugging directly into a I/O device we advise the use of filtering (cabinet emulator) or impulse responses when using the Corso to record direct.

SAMPLE SETTINGS

Clean: Bright: On, Drive: 2, Mid Boost: Off, Treble: 6, Gain Boost: Off, Bass: 6, Presence: Off, Deep: On, Power: 8



Thick Crunch: Bright: On, Drive: 7, Mid Boost: Off, Treble: 6, Gain Boost: Off, Bass: 3.5, Presence: On, Deep: Off, Power: 3



Heavy Drive: Bright: On, Drive: 5.5, Mid Boost: On, Treble: 6.5, Gain Boost: On, Bass: 4, Presence: On, Deep: On, Power: 3



Pedal Friendly: Bright: On, Drive: 2, Mid Boost: Off, Treble: 4, Gain Boost: Off, Bass: 6, Presence: On, Deep: On, Power: 8



IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions
2. Keep these instructions
3. Heed all warnings
4. Follow all instructions
5. Do not use this apparatus near water
6. Clean only with dry cloth
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus(including amplifiers) that produce heat
9. Protect the power cord from being walked on or pinched particularly at plugs and the point where they exit from the apparatus
10. Only use attachments/accessories specified by the manufacturer
11. Unplug this apparatus during lightning storms or when unused for long periods of time
12. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled on, objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
13. CAUTION: To disconnect the unit completely from the MAINS, unplug the unit. Turning the power switch off does not disconnect the unit completely from the MAINS.
14. Unit must be operated with a minimum distance of 18" from any object
15. The unit shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the unit.

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SPECIFICATIONS:

Channels: One

Output: 5 Watts (variable)

Tubes: 2-12BH7A (Power Section), 1-12AU7 (Input Stage), & 2-12AX7 (Tone and Phase Inverter)

Front Panel: Input, Bright Switch, Drive, Mid Switch, Treble, Gain Switch, Bass, Presence Switch, Deep Switch, Power and On/Off switch

Back Panel: AC Power Mains Inlet, Fuse (T1A/250V (Slo-Blow), 2-8 Ω speaker outputs and Line Out

Dimensions: 13" x 7" x 8.5"

Weight: 11.4 lbs.

Grill Options: Esher or Confessional

WARRANTY FOR SUHR AMPLIFIERS AND ELECTRONIC PRODUCTS:

JST warrants for lifetime from date of purchase by the initial retail purchaser that this product shall be free from defects in workmanship. Electronic components such as capacitors, resistors, filters, transformers, jacks, and pots are covered for 5 years. Any parts determined defective by JST within the five (5) year term shall be repaired or replaced by JST without charge for parts and labor provided the unit is returned, transportation costs prepaid, to JS Technologies, Inc., 601 Crane Street, Unit A, Lake Elsinore, CA 92530, or to such facility authorized by JST. JST will pay shipping costs to return the unit to its owner. Defects in workmanship will be determined by JST for limited lifetime coverage.

This warranty does not cover damage caused by accident, misuse, abuse, neglect, unauthorized or improperly performed repairs, alterations, and/or wear and tear occasioned by use of the product, and does not include any expense for inconvenience or loss of use while the product is being repaired or replaced. JST expressly disclaims any liability for consequential damaged arising from the sale, use, or inability to use the product. Any warranty implied by law, including any warranty of merchantability or fitness, is expressly limited to the one (5) year warranty term for the parts on our amplifiers and electronic products. The foregoing statements of warranty are exclusive and in lieu of all other remedies. Workmanship lifetime warranty is limited strictly to the original retailer purchaser of the instrument registered with JST within 10 days of purchase from an authorized JST dealer or distributor. JST will pay shipping costs to return the unit to its owner within the mainland U.S.

The above warranty policy only applies to customers in USA. If you are an international customer, please check with your distributor and the dealer in your country for warranty matters. Warranty issues must be handled through your dealer or distributor. If you are an international customer who purchased (or plan to purchase) from a US dealer, we can handle warranty matters direct but you will be responsible for shipping both ways. We encourage international customers to purchase through your local distributor or dealer for this reason. Our international distributors are set up to handle warranty issues in their respective countries. If you do not have an authorized Suhr dealer in your country, please contact us direct for further details.